

Listing of Claims

The following listing of claims replaces all prior versions and listings of claims in the Application.

1. (CURRENTLY AMENDED) A method of preparing a proteoliposome comprising the step of:

contacting a liposome with an effective portion of RalBP1 ~~in the presence of one or more toxic compounds to create a proteoliposome, wherein the proteoliposome is further added to one or more toxic compounds and the proteoliposome that delivers to a tissue the effective portion of RalBP1 for transport of the one or more toxic compounds without the assistance of a co-transport molecule, wherein the one or more toxic compounds occur from damage or stress and wherein the effective portion of RalBP1 includes two ATP binding regions for ATP-dependent transport of the one or more toxic compounds.~~

2. (ORIGINAL) The method of claim 1, wherein the liposome is at least selected from the group consisting of lectin, glycolipid, phospholipid, and combinations thereof.

3. (PREVIOUSLY PRESENTED) The method of claim 1 further comprising adding the proteoliposome to the one or more toxic compounds.

4. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the one or more toxic compounds are present in at least one of the group consisting of organism, mammalian cell, transfected mammalian cell.

5. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the proteoliposome reduces the final concentration of the one or more toxic compounds.

6. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the proteoliposome protects against further contamination with the one or more toxic compounds.

7. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the proteoliposome prevents accumulation of the one or more toxic compounds.

8. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the one or more toxic compounds are selected from the group consisting of an organic or inorganic chemical compound, radiation, waste products, a chemical solvent, metabolite, metabolic by-product, a chemical warfare agent, drug, drug by-product, chemical by-product, radiation, and combinations thereof.

9.-46. (CANCEL)

47. (CURRENTLY AMENDED) A method of preparing a proteoliposome comprising the step of:

contacting a liposome with an effective portion of RalBP1 ~~in the presence of one or more toxic compounds to create a proteoliposome, wherein the proteoliposome is further added to a toxic compound in that delivers to a tissue to deliver~~ the effective portion of RalBP1 for transport of the one or more toxic compounds without the assistance of a co-transport molecule, wherein the one or more toxic compounds occur from damage or stress and wherein the liposome is at least selected from the group consisting of lectin, glycolipid, phospholipid, and combinations thereof, and wherein the effective portion of RalBP1 is dependent on ATP for optimal activity, and wherein the effective portion of RalBP1 includes two ATP binding regions for ATP-dependent transport of the one or more toxic compounds.

48.-52. (CANCEL)